

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)  
COMBINED WITH POWER OF ATTORNEY

☐ Declaration Submitted with  
Initial Filing

☒ Declaration Submitted after  
Initial Filing (surcharge  
(37 CFR 1.16(e)) required)

Attorney Docket Number

IS01220AP

First Named Inventor

Louis Yizhang Liu

Application Number

10/637,121

Filing Date

August 8, 2003

☒ Regular (Utility) Application

☐ Design application

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MISFIRE DETECTION IN AN INTERNAL COMBUSTION ENGINE

the specification of which:

☐ is attached hereto

☒ was filed on: August 8, 2003

as U.S. Serial No.: 10/637,121

and was amended  
on:

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed::

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

IS01220AP

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Provisional Application Serial No.:	
Provisional Application Filing Date:	

I hereby claim the priority benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which is material to the patentability of this application and which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s):

☒ no such application(s) filed  
☐ such application(s) identified as follows:

Application No.	Filing Date (day, month, year)	Status (Patented, Pending, Abandoned)

I hereby appoint the attorney(s) or agent(s) associated with: 22917 to prosecute this application and transact all business in the patent and trademark office connected therewith.

Address all telephone calls to:

Brian M. Mancini

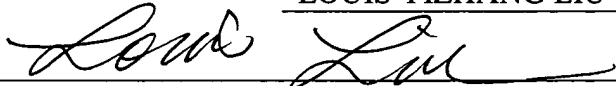
Telephone: 847-576-3992

Facsimile: 847-576-3750

Address all correspondence to: Customer Number 22917

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor: LOUIS YIZHANG LIU



Inventor's Signature

10/27/03

Date

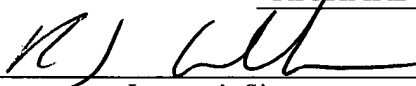
Residence: Troy Michigan 48085 United States of America  
City State Postal Code Country of Citizenship

1192 Mayberry Drive

Mailing Address

Troy Michigan 48085 United States of America  
City State Postal Code Country

Full Name of Second-Joint Inventor: RICHARD J. GILBERT



Inventor's Signature

10/27/03

Date

Residence: Livonia Michigan 48152 United Kingdom  
City State Postal Code Country of Citizenship

19111 Fairlane Court

Mailing Address

Livonia Michigan 48152 United States of America  
City State Postal Code Country

Full Name of Third-Joint Inventor: DONALD P. KULTGEN

Donald P. Kultgen  
Inventor's Signature

10/27/2003  
Date

Residence: Livonia Michigan 48150 United States of America  
City State Postal Code Country of Citizenship

32930 West Chicago

Mailing Address

Livonia Michigan 48150 United States of America  
City State Postal Code Country

Full Name of Fourth-Joint Inventor: JEFFREY D. NABER

Jeff D. Naber  
Inventor's Signature

10/31/2003  
Date


Residence: Dearborn Michigan 48124 United States of America  
City State Postal Code Country of Citizenship

125 Berkley Street

Mailing Address

Dearborn Michigan 48124 United States of America  
City State Postal Code Country

Full Name of Fifth-Joint Inventor: HANLONG YANG

  
Inventor's Signature

10/27/2003  
Date

Residence: Northville Michigan 48167 Canada  
City State Postal Code Country of Citizenship

42104 Gladwin Drive

Mailing Address

Northville Michigan 48167 United States of  
City State Postal Code America  
Country